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|--|--|---|--|--|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE <div style="text-align: center;">J</div> | | PAGE OF PAGES <div style="text-align: center;">1 11</div> | |
| 2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">0006</div> | | 3. EFFECTIVE DATE <div style="text-align: center;">08-Jun-2000</div> | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) <div style="text-align: center;">POC: Mary C. Renau</div> | |
| 6. ISSUED BY <div style="text-align: center;">USACE, CONTRACTING DIVISION 7400 LEAKE AVE., RM 172 NEW ORLEANS, LA 70118</div> | | CODE <div style="text-align: center;">DACW29</div> | | 7. ADMINISTERED BY (If other than Item 6) <div style="text-align: center;">SEE ITEM 6</div> | | CODE | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) | | | | (X) | | 9A. AMENDMENT OF SOLICITATION NO. <div style="text-align: center;">DACW29-00-B-0082</div> | |
| | | | | X | | 9B. DATED (SEE ITEM 11) <div style="text-align: center;">08-Mar-2000</div> | |
| | | | | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | |
| | | | | | | 10B. DATED (SEE ITEM 13) | |
| CODE | | FACILITY CODE | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | | | | |
| 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| (X) | | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | |
| | | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b). | | | | | |
| | | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | |
| | | D. OTHER (Specify type of modification and authority) | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| The above numbered solicitation for Mermentau River - Gulf of Mexico, Maintenance Dredging, C/L Station -18+00 to C/L Station 260+00, Mile 6.5 to Mile 1.2, Cameron Parish, Louisiana, is amended as follows: The Bidding Schedule will be replaced with the one shown on Page 2. Pages 3-11 make changes to Sections 02279, 02381, 02482, and to the drawings. | | | | | | | |
| BID OPENING DATE | | | | | | | |
| A Bid Opening Date of 22 June 2000, 2:00 PM local time, is hereby established. <small>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</small> | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | CAROL J. SCHWARTZ/CONTRACTING OFFICER | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| _____ (Signature of person authorized to sign) | | | | BY _____ (Signature of Contracting Officer) | | | |

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)
 Prescribed by GSA
 FAR (48 CFR) 53.243

SECTION 00010 – BIDDING SCHEDULE

Mermentau River – Gulf of Mexico
Maintenance Dredging
C/L Station –18+00 to C/L Station 260+00
Mile 6.5 to Mile 1.2
Cameron Parish, Louisiana

| Item No. | Description | Estimated Quantity | Unit | Unit Price | Estimated Amount |
|----------|---------------------------------|--------------------|------|------------|------------------|
| 0001 | Mobilization and Demobilization | 01 | LS | | |
| 0002 | Dredging | 1,100,000 | CY | | |
| 0003 | Geotextile | 23,200 | SY | | |
| 0004 | Cellular Concrete Mattress | 62,000 | SF | | |
| 0005 | Stone | 3,400 | TON | | |
| 0006 | Core Material | 7,800 | CY | | |

TOTAL: \$

Award will be made as a whole to one bidder.

NOTE 1: Bidders shall furnish unit prices for each item listed in the Schedule requiring a unit price. If the bidder fails to insert a unit price in the appropriate blank for required item(s), but does furnish an extended total, or an estimated amount for such item(s), the Government shall deem the unit price to be the quotient obtained by dividing the extended amount for that line item by the quantity. IF A BIDDER OMITS BOTH THE UNIT PRICE AND THE EXTENDED TOTAL OR ESTIMATED AMOUNT FOR ANY ITEM, ITS BID SHALL BE DECLARED NON-RESPONSIVE AND THEREFORE INELIGIBLE FOR AWARD.

NOTE 2: EXPEDITING THE NOTICE TO PROCEED (NTP): The NTP for this contract will be expedited. The successful bidder is advised that performance and payment bonds shall be submitted within three (3) days after Notice of Award. The NTP will be issued immediately after verification of acceptable performance and payment bonds. Within seven (7) days after issuance of the NTP, the Contracting Officer or his authorized representative will meet with the Contractor to discuss the submittal process. Physical work cannot start until the Accident Prevention Program, Contractor Quality Control Plan, and other submittals, which may be required, have been submitted and approved and all preliminary meetings called for under the contract, have been conducted.

SECTION 02279

Page 6, paragraph 2.4. At the end of the paragraph add the following: "Structural grouting, anchoring and all work incidental thereto will not be required beneath the water surface."

SECTION 02381

1. Page 1, paragraph 1.1.

(a). In the 4th line, delete "between C/L Station 29+00 and C/L Station 42+00"

(b). In the final sentence, insert "(for construction of the containment dike in Lower Mud Lake)" immediately after the word "material".

2. Page 2, paragraph 1.2.3. In the first sentence, insert ", in accordance with the theoretical design section shown on the drawings" immediately after the word "placed".

3. Page 2, paragraph 1.2.4. In the 2nd line, after the word "materials", insert "in connection therewith".

4. Page 3, paragraph 1.4.1(6). Delete this paragraph and its subparagraphs in their entirety and substitute the following:

"(6) Compliance Surveys. All surveys shall be performed by qualified survey personnel in the presence of the Contracting Officer's Representative. The Contractor shall layout the work and take the following surveys of placed core and stone material for compliance with the grades, limits and tolerances set by these plans and specifications for the work:

(a) Groundline profiles shall extend along the centerline of the containment dike/closure dike (north of the west jetty) extending 50 feet beyond the upstream and downstream reaches of the work. Elevations shall be taken every 20 feet and prior to flotation channel excavation and placement of geotextile.

(b) Cross sections perpendicular to the profile every 100' along the containment dike and 50' along the closure dike prior to flotation channel excavation and geotextile placement. These cross sections shall extend 150' each side of the centerline of the dike.

(c) Final core cross sections shall be taken every 50' and prior to the placement of geotextile and cellular concrete mattresses. These sections shall extend 50' landward and channelward of the dike.

(d) Final stone compliance sections along the closure dike after placement of geotextile and stone and taken at the same location as the cross sections of item b above.

(e) A final stone centerline profile along the closure dike after placement of geotextile and stone. The profile shall include elevations taken every 10' along the centerline extending 50' upstream and downstream of the limit(s) of the work.

Plotted sections/profiles shall be made available to the Government Inspector prior to placement of geotextile, stone and cellular concrete mattresses. Compliance sections/profiles shall be taken as directed by the Contracting Officer's Representative and, if the section is found to be within the grades, limits and tolerance, that section will be accepted.

Elevations shall be recorded every 20 feet for all cross sections, except that elevations shall be recorded every 5 feet over the core and stone sections and for every break in slope. Duplicating field books shall be used to record all surveys. From the information in the field books, the Contractor shall plot the cross sections and profiles on a scale agreeable to both the Contractor and the Contracting Officer's Representative. If a total station instrument is used to perform the survey, the Contractor shall submit a copy of the survey data on magnetic media, print out of the survey data, and computer-plotted profiles and cross sections from the original data. Plotted cross sections and profiles plus duplicate notes shall be kept at the jobsite at all times and made available to the Government inspectors as required. The Contractor shall furnish to the Contracting Officer's Representative the completed original field books and final plotted cross sections and profiles as each item of work is completed. The core cross sections shall be plotted prior to the placement of the geotextile and cellular concrete blocks."

5. Page 5, paragraph 2.1.1. Delete the title and substitute the revised title, "Stone – Containment Dike Berm and Jetty Extension".

6. Page 5, paragraph 2.1.2. In the 1st line, after the word "core", insert "of the containment dike in Lower Mud Lake".

7. Page 5, paragraph 3.1. In the 3rd and 4th lines, after both occurrences of the word "core", insert "and stone".

8. Page 5, paragraph 3.2. Delete the paragraph in its entirety and replace it with the revised paragraph.

“3.2 STONE PLACEMENT

Stone shall be placed within the limits shown on the contract drawings. All stone shall be placed by clamshell bucket, stone grab, or by some other method approved by the Contracting Officer that will not drop or cast the stone, but will release the stone in such a manner that they will be properly interlocked with the underlying or adjacent stones to resist displacement by wave action and provide a uniform and compact section. Each stone shall be firmly set and well supported by underlying and adjacent stone. Stone shall be constructed, within the specified tolerance, to the lines and grades shown on the contract drawings. A tolerance of plus 6-inches from the slopes, lines and grades shown on the drawings will be allowed in the finished surface of the stone, except that the extreme of this tolerance shall not be continuous over an area greater than 200 square feet. The average tolerance for each layer of the entire job shall be no more than 50 percent of the tolerances specified above. The Contractor will not be paid for stone placed outside the allowable tolerance. The Contractor shall relocate the unsatisfactorily placed stone within the specified limits for payment or the weight of the stone so misplaced will be estimate by the Contracting Officer's Representative and the payment deductions shall be determined from this estimate and the bid unit price of the stone. The larger stones shall be well distributed and the entire mass of stones in their final position shall be graded to conform to the gradation specified in paragraph 2.1.1.1. The finished stone shall be free from objectionable pockets of small stones and clusters of larger stones. Placing stone by dumping it at the top of the slope and pushing it down the slope will not be permitted. The desired distribution of the various sizes of stone throughout the mass shall be obtained by selective loading of the material at the quarry or other source; by controlled dumping of successive loads during final placing; or by methods of placement which will produce the specified results. Rearranging of individual stones by mechanical equipment will be required to the extent necessary to obtain a well-graded distribution of stone sizes as specified above. The Contractor shall maintain the stone until accepted and any material displaced prior to acceptance and due to the Contractor's negligence shall be replaced at his expense and to the slopes, lines and grades shown on the contract drawings.”

9. Page 6, paragraph 3.3. Delete the paragraph in its entirety and replace it with the revised paragraph.

“3.3 CORE PLACEMENT

All core material shall be installed directly in place as described in paragraph 2.1.2. For each acceptance reach, core material shall be protected from wave-wash by being covered with geotextile and cellular concrete erosion mattresses. A tolerance of 5/10 of 1 foot above the prescribed slopes, lines and grades shown on the drawings will be allowed in the finished surface of the core. The Contractor will not be

paid for core material that is placed outside the allowable tolerance. The volume of core material misplaced will be estimated by the Contracting Officer's Representative and quantity deductions shall be determined from this estimate and the bid unit price of "Core Material". "

SECTION 02482

1. Page 1, paragraph 1.2.1. In the 4th line, replace "Mar 99" with "Jan 00".
2. Page 3, paragraph 1.4.1.
 - (a). Delete subparagraph (2) in its entirety and replace it with the following revised subparagraph

"(2) Retaining Dikes/Closures. The location and amount of area cleared for retaining dikes and retaining dike borrow, and the location, grade, and side slopes of the retaining dikes/closures."
 - (b). In the last line of subparagraph (3) delete the word "inner".
3. Page 4, paragraph 1.4.3. In subparagraph (3)(a), replace "Dom Elguezabal" with "Chester Ashley".
4. Page 6, paragraph 3.1.2. In the 1st line, replace "18+00" with "-14+50".
5. Page 6, paragraph 3.1.4. Following the paragraph, insert the following:

"A box cut will be permitted. The extent of required dredging and control of the box cut is illustrated in the Box Cut detail attached at the end of this section."
6. Page 7, paragraph 3.1.6. In the first line of the table and in the NOTE, replace "18+00" with "-14+50".
7. Page 9, paragraph 3.2.3. Delete pages 9, 10, and 11 in their entirety and substitute the attached revised pages 9, 10, 11, and 11a.

| Utility Or Structure | Approximate Station | Elevation M.L.G. | Name and Address Of Owner |
|-------------------------------|---------------------|------------------|--|
| 1-12" Gas Pipeline | -17+00 c/l | -21.0' | American LA P/L Company One Woodward Avenue Detroit 26, Michigan |
| 1-30" Gas Pipeline | 66+60 c/l | -25.0' | American Natural Resources PO Box 201 Grand Chenier LA 70643 Attn: Dallas Brasseaux (318) 538-2301 |
| 1-20" Gas Pipeline | 86+00 c/l | -20.0' | Tennessee Gas Company PO Box 310 US HWY 165 South Kinder LA 70648 Attn: Mr. Roderick Bourgeois (318) 738-2585 (Ext. 2023) |
| 1 (6 5/8") Gas & Oil Pipeline | 125+30 c/l | -24.0' | Mid LA Gas Company PO Box 5008 Fairbanks LA 71240 Attn: Mr. Gary Gilbert (318) 665-4426 |

3.2.4 Unidentified Pipelines, Structures, Or Utilities

Any unidentified pipelines, structures, or utilities that may be found within the limits of the work, during the course of dredging shall not be disturbed nor shall excavation be performed at this location unless approved by the Contracting Officer.

3.3 DISPOSAL OF DREDGED MATERIAL

3.3.1 Disposal Areas

The dredged material shall be transported and deposited in the disposal areas provided by the Government as shown on the contract drawings and as specified herein. The use of marsh buggies or other wheeled or tracked vehicles shall not be permitted over vegetated marsh. Access for heavy construction equipment (i.e., marsh buggy, dozer, etc.) to and from the disposal area in Lower Mud Lake will be limited to the following designated access routes/corridors:

- a. C/L Station 20+95.82
 - x/y 2,745,700/462,239
 - x/y 2,743,381/460,974
 - x/y 2,744,097/462,290
 - x/y 2,744,021/459,682

- b. (PT) 36+72.59 x/y 2,746,211/460,915
 x/y 2,744,860/459,877
- c. C/L Station 91+00.00 x/y 2,748,743/456,950
 x/y 2,746,465/457,461

Excavation for flotation from the channel centerline to the corridor entrance within Lower Mud Lake will be required. Material excavated for access shall be cast adjacent to the access route and not reduce the original water depth by more than one(1) foot. Excavation for flotation within the designated access corridors in Lower Mud Lake will not be permitted.

3.3.1.1 Government Furnished Disposal Areas

The Contractor shall submit to the Contracting Officer for review and approval a plan for disposal of dredged material in Government furnished disposal areas a minimum of 7 days prior to commencement of the work. This is to insure that the retention of material is maximized. This plan shall include dredge discharge locations and the methods for protecting the integrity of the containment dike, retaining dikes/closures and West Jetty.

3.3.1.2 Placement of Dredged Material

The material excavated, between C/L Station -14+50 (Mile 6.5) and C/L Station 152+00 (Mile 3.3), shall be placed within the confined dike cell adjacent to the channel (approximate Mile 5.6) in Lower Mud Lake. Prior to the Contractor's disposal operations in Lower Mud Lake, a containment dike shall be constructed adjacent to the channel and confined cell, as per the requirements specified herein and delineated on the contract drawings. The initial buildup of material placed within the confined cell shall occur south and west of the existing vegetation line, and to proceed outward (southwesterly) from the channel as to allow the effluent waters to overflow "low Level" dikes to be constructed at the rear of the cell. In the event no emergent vegetation should exist within the dredged material overflow area (area hatched on drawing 2), the initial discharge shall begin immediately adjacent to and behind the new containment dike adjacent to the channel. The "low level" dikes shall be constructed to elevation +4.0' MLG (+/- 0.5'). The elevation of dredged material placed within the confined cell shall be between +3.5' MLG and +4.0' MLG, but at no point exceed +4.0' MLG (excluding effluent waters). Material in excess of that required to fill the area (cell) to capacity, shall be deposited within the "Shoreline Restoration" disposal area. See contract drawings for further details. The material excavated, between C/L Station 152+00 (Mile 3.3) and C/L Station 260+00 (Mile 1.2), shall be transported and deposited within the disposal area designated for "Shoreline Restoration", as shown on the contract drawings. Prior to disposal within this area, a

rock closure dike shall be constructed to close off the breach at the north end of the west jetty. Material deposited within this area shall be placed gulf ward of the existing vegetation line, with the initial buildup to occur at the junction of the rock dike (west jetty tie-in) and land's edge, and to proceed west, southwesterly from this point. The dredged material shall be deposited in such manner as to create a continuous disposal line of disposal adjacent to the existing shoreline to a near uniform elevation. The Contractor will be required to access the beach (discharge areas within the Shoreline Restoration Site) at the north end of the west jetty. No dredged material shall at any time be discharged directly upon existing marshland/wetland, except for material excavated for flotation channel construction (material in excess of that required to construct the earthen core for the channel side containment dike in Lower Mud Lake) which may be placed directly over marsh (if necessary) to an elevation not to exceed +4.0' MLG. Should emergent marsh exist within the dredged material overflow area, the discharge line shall be placed beyond the existing vegetation line (minimum 150-feet) and the discharge monitored so that material runback upon existing vegetation does not exceed one(1) foot.

3.3.1.3 Before and After Disposal Cross Sections

Cross sections, tied to the channel centerline, shall be taken at 200 foot intervals between C/L Station 29+00 and C/L Station 42+00 and extend west of the channel centerline across the entire limits of the disposal area (containment cell). The distance between soundings and/or rod readings shall not exceed 50 feet.

Cross sections, tied to the channel centerline, shall be taken at 200 foot intervals between C/L Station 144+00 and C/L Station 162+00 and extend west of the channel centerline across the limits of disposal within the Shoreline Restoration Site. The distance between soundings and/or rod readings shall not exceed 50 feet.

3.3.2 Prevention Of Damage

The dredged material shall be transported and deposited in such a manner as to insure that no damage will occur to existing wetlands, jetties, pipelines, utility lines, structures, or other improvements. The limits of the disposal area shall be plainly marked by the Contractor with conspicuous buoys or stakes.

3.3.3 Containment Dike and Retaining Dikes/Closures

Prior to depositing material in a disposal area, retaining dikes/closures shall be constructed, strengthened and/or maintained by the Contractor as required, so that dredged material shall be confined to disposal areas. Materials necessary for dike construction or maintenance shall be obtained from within the disposal area, or as otherwise specified, unless the Contractor makes arrangements with others for an alternate borrow source. The Contractor shall submit to the Contracting Officer for review and approval prior to construction, a typical sketch of the dike repair and/or new dike construction showing all slopes, distances, and elevations.

Construction of a containment dike will be required adjacent to the containment cell and Mermentau channel in Lower Mud Lake. The containment dike shall be constructed, as per the requirements specified herein and delineated on the contract drawings. The containment dike shall consist of a geotextile base, earthen core and geotextile separator, with cellular concrete erosion mattresses (4"-5" thickness) along the land side/flood side face and crown of the dike. A crushed limestone berm (12" thickness), will be required flood side of the dike, extending approximately 10' beyond the flood side toe. Excavation for "access" to the work site (navigation channel to flotation channel adjacent to dike) will also be required. Material excavated for access shall be cast adjacent to the access route and not reduce the original water depth by more than 1 foot. See contract drawings for theoretical design sections and additional construction requirements.

Due to flanking of the West Jetty, a rock closure dike shall be constructed to close off the breach at the north end of the west jetty. The dike shall tie into the north end of the west jetty and extend towards (tie into) the existing shoreline/bank. The dike shall extend 50' north of the existing shoreline/bank as delineated on the contract drawings. Stone shall be of the type (gradation) specified in Section 02381 (paragraph 2.1.1.1) (See drawings for limits, theoretical section, disposal allowances and geotextile requirements.)

3.3.4 Failure Of Retaining Dikes

If the retaining dikes fail for any reason during hydraulic dredging operations, whether constructed by the Contractor or maintained by others, the Contractor shall immediately cease pumping at the site until the retaining dikes have been adequately restored or raised and the dikes can successfully fulfill the purpose for which they were intended. Any material which is deposited in any area not designated as a disposal area as a result of any such failure is the Contractor's responsibility and shall be removed at the Contractor's expense.

3.3.5 Excessive Discharge Pipe Leakage

Excessive leakage of the discharge pipe, or in the immediate vicinity of the dike, shall be sufficient cause for the Contracting Officer to require the Contractor to cease pumping until corrective measures can be taken.

DRAWINGS

Make the following changes:

Dwgs. 2 of 5

1. Revise the upper limit of dredging to reflect (-)14+50 in lieu of (-)18+00.
2. Remove the channel alignment above Mile 6.2 (c/l station 0+00) in it's entirety and replace it with the following centerline geometry (points of intersection):

- (1) c/l station -2+50.0 xy= 2747245.8/463941.2
- (2) c/l station -7+63.7 xy= 2747552.6/464353.2
- (3) c/l station -17+00 xy= 2747765.3/465265.9

3. Delete GENERAL NOTES 1 and 8. Revise GENERAL NOTE 6 of 8 to read as follows:

"No dredged material shall at any time be discharged directly upon existing mashland/wetland, except as provided for in 02482-3.3.1.2."

Dwg 4 of 5

Delete the drawing in its entirety and replace it with the revised attached Dwg. 4 of 5 therefor.